

GEORGE A. GIBSON

100 HAHNEMANN TRAIL, 210, PITTSFORD, N.Y. 14534
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OBJECTIVE

Consultant and educator

SUMMARY OF QUALIFICATIONS

- Offering a combination of business and technical expertise and experience with a strong corporate background leading global projects.
- Strategy: Demonstrated successful new business ventures and strategies as well as dramatic cost productivity and innovative product delivery.
- Management: Managed business, research, engineering and manufacturing teams working as supplier, joint venture partner and business partner throughout the product lifecycle from development through manufacturing and customer after-care.
- Customer Engagement:
 - Utilized primary and secondary market intelligence and strong finance background to assess and value potential ventures for business development and investment.
 - Demonstrated capability and willingness to attack complex cross-organizational global projects through both tactical and strategic approaches to problem solving and process improvement.

EDUCATION

MBA Executive Development Program,
Wm. E. Simon Graduate School of Business Administration,
University of Rochester, Rochester University, Rochester, Rochester, New York

MS, Chemistry *Binghamton University, Binghamton, NY*

BA, Chemistry *Harpur College, Binghamton University, Binghamton, NY*

Other professional Courses:

- Lean Six Sigma Black Belt Certification
- “Developing and Managing a Successful Technology and Product Strategy,” Sloan School of Management, MIT
- “Creating and Managing Strategic Alliances,” Kellogg School of Management, Northwestern University
- “Art of Venturing: Entrepreneurship in Corporate and Independent Settings,” Kellogg School of Management, Northwestern University
- Xerox Management Studies Program (three courses)

PROFESSIONAL EXPERIENCE

Alfred University, College of Business: August 2020 – present

Adjunct instructor in both the undergraduate (Research Methods and Entrepreneurship) and graduate programs (Innovation Management and Corporate Sustainability)

G2 Tech Acceleration: January 2018 – present

Managing Partner

Xerox Corporation: January 1993 – December 2018

Summary of Career Achievements:

1. Director, Technology Scouting,
 - a) Identified early stage companies in a desirable new markets for the firm with complimentary technology and go-to-market strengths.
 - b) Identified and developed collaborations with a National Laboratory to accelerate development on an ongoing product development program
2. Director, Market Strategy, PARC
 - a) Led the identification of desirable market opportunities in both product and service domains.
3. Various Research and Engineering Management:
 - a) Implemented a broad-based crowd-sourced innovation program that identified a large number of here-to-for undiscovered revenue generation and cost minimization opportunities.
 - b) Managed the development of a breakthrough service offering to improve medication adherence. The service combined video chatbots based education, reminders and identification of low-priced drug providers.
 - c) Managed the development of next generation piezoelectric inkjet printing platforms.
 - d) Managed the corporation's \$1.5B research, development and engineering investment allocation using real options, scenario analysis and portfolio management techniques.

AM Graphics

1. Manager Consumable products
 - a. Managed the end-to-end business of consumables supply for AM Graphics ElectroPress liquid toner based production printing press.

Savin Corporation

1. Manager, Toner Development
 - a. Managed the research, development and pilot plant operations for Savin's liquid toner products.
 - b. Co-inventor of ElectroInk, a breakthrough liquid toner still in use as the basis of HP's Indigo production printers.

Shipley Company

1. Research Chemist

U.S. PATENTS

George A. Gibson, "Beverage container augmentation for social media." U.S. 11,228,874 B2 issued January 18, 2022

George A. Gibson. "Product package and associated system for improving user-product engagement." U.S. 11,049,140 B2 issued June 20, 2021

Gabriel Iftime, Jessica Louis, Baker Rivest, George A. Gibson, Eric Cocker, Mahati Chintapalli, and Quentin Van Overmeere "Environmental sensor." U.S. 11,067,514 B2 issued July 20, 2021

Yunda Wang, Sourobh Raychaudhuri, Jeng Ping Lu, Eugene M. Chow, Julie A. Bert, David Biegelsen, George A. Gibson and Jamie Kalb, "High registration particles-transferring system." U.S. 10,604,843 B2 issued March 31, 2020

James R. Larson and George A. Gibson, "Vending machine for creating and dispensing personalized articles." U.S. 10,460,550 issued October 29, 2019

Edward N. Chapman, George A Gibson, Paul Conlon, "Hidden bar code system via vector pattern correlation marks," U.S. 10,452,964 issued October 22, 2019

George A. Gibson, "Backlighting effect for packaging displays," U.S. 10,366,634 issued July 30, 2019

George A Gibson, "Beverage container augmentation for social media," U.S. 10,425,777 issued September 24, 2019

George A. Gibson, Wayne A. Bucharm, John P. DiVencenzo and Brendan C. Casey, "Chipless radio frequency identification (RFIT) for tamper evidence," U.S. 10,210,448 issued February 19, 2019

George A. Gibson and Wayne A. Buchar, "Printing system architecture for encoding chip-less RFID tags in real time," U.S. 10,043,121 issued August 7, 2018

George A. Gibson, Wendell L. Kibler and Denise L. Fletcher, "Method and apparatus for recommending a food item." U.S. 9,940,661 issued April 10, 2018

George A. Gibson, "Backlighting effect for package displays." U.S. 9,916,778 issued March 13, 2018

George A. Gibson and Wayne A. Buchar, "Chipless radio frequency identification (RFID) made using photographic process," U.S. 9,874,815 issued January 23, 2018

George A. Gibson and Linn C. Hoover, "Systems and methods for facilitating efficiencies in inventory management and control." U.S. 9,858,536 issued January 2, 2018

James R. Larson and George A. Gibson, "Vending machine for creating and dispensing personalized articles." U.S. 9,842,456 issued December 12, 2017

U.S. PATENTS (con't)

George A. Gibson, "Chemical sensors based on chipless radio frequency identification (RFID) architectures." U.S. 9,824,252 issued November 21, 2017

George A. Gibson and Wayne A. Buchar, "Printing system architecture for encoding chip-less RFID tags in real time." U.S. 9,740,975 issued August 22, 2017

George A. Gibson and James R. Larson, "Post application editing of multiresonator chipless radio frequency identification (RFID)." U.S. 9,734,446 issued August 15, 2017

George A. Gibson and James R. Larson, "Photoconductive multi-resonator chipless RFID." U.S. 9,691,048 issued June 27, 2017

George A. Gibson and James R. Larson, "Photosensitive multi-resonator chipless RFID." U.S. 9,640,855 issued May 2, 2017

George A. Gibson and Linn C. Hoover, "Adsorption material-based humidity sensor." U.S. 9,322,764 issued April 26, 2016

George A. Gibson and Linn C. Hoover, "Shock or impact sensor." U.S. 9,291,511 issued March 22, 2016

George A. Gibson and Kerstin M. Henseleit, "Photobook with augmented social capability." US 9,280,680 issued March 8, 2016

Guiqin Song, Gordon Sisler, Nan-Xing Hu, Linn C. Hoover, and George A. Gibson, "Aqueous overcoat on solid ink jet prints and methods of producing the same." U.S. 9,228,105 issued January 5, 2016

Raja Bala, Karen M. Braun, Robert J. Rolleston, and George A. Gibson, "Language-based color calibration of displays." U.S. 9,111,477 issued August 18, 2015

Kurt I. Halfyard, Christine D. Anderson, Brian T. McAneney, Gordon Sisler, and George A. Gibson, "System and method for pre-treating magnetic ink character recognition readable documents." U.S. 9,110,434 issued August 18, 2015

Jonathan B. Hunter, George A. Gibson, and Linn C. Hoover, "Systems and methods for producing solid ink laminate security features." U.S. 8,925,609 issued January 6, 2015

Jonathan B. Hunter, George A. Gibson, and Linn C. Hoover, and Yuanjia Zhang, "Substrate treatment processes." U.S. 8,808,502 issued August 19, 2014

David J. Gervasi, Alexander N. Klymachyov, Samuel Kaplan; Samuel, Santohk S. Badesha, Douglas B. Wilkins, and George A. Gibson, "Blended amino functional siloxane release agents for fuser members." U.S. 7,214,462 issued May 8, 2007

Santohk S. Badesha, David J. Gervasi, George A. Gibson, and Douglas B. Wilkins, "Amino-functional fusing agent." U.S. 7,208,259 issued April 24, 2007

U.S. PATENTS (con't)

David J. Gervasi, Alexander N. Klymachyov, Samuel Kaplan; Samuel, Santohk S. Badesha, Douglas B. Wilkins, and George A. Gibson, "Blended amino functional siloxane release agents for fuser members." U.S. 7,208,258 issued April 24, 2007

David J. Gervasi, Alexander N. Klymachyov, Samuel Kaplan; Samuel, Santohk S. Badesha, Douglas B. Wilkins, and George A. Gibson, "Amino-functional siloxane copolymer release agents for fuser members." U.S. 7,198,875 issued April 3, 2007

David J. Gervasi, Alexander N. Klymachyov, Samuel Kaplan; Samuel, Santohk S. Badesha, Douglas B. Wilkins, and George A. Gibson, "T-type amino functional release agent for fuser members." U.S. 7,186,462 issued March 6, 2007

George A. Gibson, Richard E. Eisemann, Santohk S. Badesha, and David J. Gervasi, "Method and materials for extending fuser member life." U.S. 7,105,063 issued September 12, 2006

Kristine A. German and George A. Gibson, "Custom color inkjet printing system." U.S. 6,938,984 issued September 6, 2005

Chu-heng Liu, George A. Gibson, and James R. Larson, "Systems and methods incorporating job scheduling to extend the lifetime of an ink sump." U.S. 6,785,483 issued August 31, 2004

Edward B. Caruthers, Enrique R. Viturro, Nancy Beth Goodman, George A. Gibson, and James R. Larson, "Computer controlled mixing of customer-selected color inks for printing machines." U.S. 6,575,096 issued June 10, 2003

Edward B. Caruthers and George A. Gibson, "Liquid developer system employing a pretransfer station." U.S. 6,496,676 issued December 17, 2002

Frank J. Bonsignore and George A. Gibson, "Method of producing liquid toner with metallic sheen." U.S. 6,376,147 issued April 23, 2002

Frank J. Bonsignore, Christopher P. Manos and George A. Gibson, "Method of producing liquid toner with polyester resin." U.S. 6,221,551 issued April 24, 2001

Christopher M. Knapp, George A. Gibson, David H. Pan and John W. Spiewak, "Liquid developers and processes thereof." U.S. 6,187,498 issued February 13, 2001

George A. Gibson and Robert M. Simms, "Systems and methods for controlling toner concentration by sensing residual potential." U.S. 6,131,002 issued October 10, 2000

Christopher M. Knapp, George A. Gibson, David H. Pan and John W. Spiewak, "Liquid developers and processes thereof." U.S. 6,060,204 issued May 9, 2000

James R. Larson, George A. Gibson; George, Edward B. Caruthers and Raymond W. Stover, "Systems and method for adjusting image data to compensate for cross-contamination." U.S. 6,047,143 issued April 4, 2000

U.S. PATENTS (con't)

Edward B. Caruthers, John W. Spiewak and George A. Gibson, "High and low pigment loadings for custom colors." U.S. 6,002,893 issued December 14, 1999

George A. Gibson, Scott D. Chamberlain, Thomas R. Pickering, John W. Spiewak, Jacques C. Bertrand, Roger N. Ciccarelli and Denise R. Bayley, "Developer compositions and imaging processes." U.S. 5,942,365 issued August 24, 1999

George A. Gibson and James R. Larson, "Liquid developing material replenishment control system." U.S. 5,923,356 issued July 13, 1999

Scott D. Chamberlain, David H. Pan, Christopher M. Knapp, John W. Spiewak, George A. Gibson and Frank J. Bonsignore, "Liquid developer compositions with copolymers." U.S. 5,866,292 issued February 2, 1999

Chu-heng Liu, David H. Pan, John F. Knapp, George A. Gibson and Robert M. Simms, "Electrical biasing scheme for preventing overplating in an image-on-image electrostatographic printing system." U.S. 5,848,337 issued December 8, 1998

Edward B. Caruthers, James R. Larson, Fong-Jen Wang, George A. Gibson and Enrique R. Viturro, "Liquid color mixing and replenishment system for an electrostatographic printing machine." U.S. 5,781,828 issued July 14, 1998

Edward B. Caruthers, Raymond W. Stover, George A. Gibson and James R. Larson, "Liquid developing material replenishment system and method." U.S. 5,722,017 issued February 24, 1998

Scott D. Chamberlain, John W. Spiewak, David H. Pan, George A. Gibson, Christopher M. Knapp and Roger N. Ciccarelli, "Liquid developer compositions with rhodamine." U.S. 5,714,297 issued February 3, 1998

George A. Gibson and James R. Larson, "Method and apparatus for eliminating residual charge potential in an electrostatographic system." U.S. 5,693,441 issued December 2, 1997

Scott D. Chamberlain, David H. Pan, Christopher M. Knapp, John W. Spiewak, George A. Gibson and Frank J. Bonsignore, "Liquid developer compositions with copolymers." U.S. 5,688,624 issued November 18, 1997

Scott D. Chamberlain, Edward B. Caruthers, Constance J. Thornton and George A. Gibson, "Developer compositions." U.S. 5,679,492 issued October 21, 1997

George A. Gibson and Scott D. Chamberlain, "Liquid developers and methods thereof." U.S. 5,672,457 issued September 30, 1997

James R. Larson, George A. Gibson and John W. Spiewak, "Liquid developer compositions." U.S. 5,643,707 issued July 1, 1997

David H. Pan, Scott D. Chamberlain, George A. Gibson, John W. Spiewak and Frank J. Bonsignore, "Liquid developer compositions with cyclodextrins." U.S. 5,627,002 issued May 6, 1997

U.S. PATENTS (con't)

Peter G. Odell, George A. Gibson, James R. Larson and Frank J. Bonsignore, "Supercritical processes and liquid developers," U.S. 5,607,807 issued March 4, 1997

George A. Gibson, Edward B. Caruthers and Inan Chen, "Dual zone development for liquid developers." U.S. 5,576,817 issued November 19, 1996

George A. Gibson, Peter G. Odell and James R. Larson, "Processes for liquid developer compositions." U.S. 5,565,299 issued October 15, 1996

Benzion Landa, Peretz Ben-Auraham, Joseph Hall and George A. Gibson, "Toner particles for use in compositions for developing latent electrostatic images and liquid composition using same." U.S. 5,554,476 A issued September 10, 1996

Michael A. Hopper, Raj D. Patel, Grazyna E. Kmieciak-Lawrynowicz, Peter G. Odell, Bernard Grushkin and George A. Gibson, "Liquid developers and toner aggregation processes." U.S. 5,536,615 issued July 16, 1996

James R. Larson, John W. Spiewak and George A. Gibson, "Liquid developer compositions with block copolymers." U.S. 5,441,841 issued August 15, 1995

Benzion Landa, Peretz Ben-Auraham, Joseph Hall and George A. Gibson, "Toner and liquid composition using same." U.S. 5,407,771 A issued April 18, 1995

Robert M. Simms, David D. Dreyfuss, George A. Gibson and Jen Wen, "Treatment to enhance transfer in liquid toner electrophotography." U.S. 5,281,507 issued January 25, 1994

Joseph S. Chow, George A. Gibson and Ray H. Luebbe, "Method of electrostatic printing and toner used in such method." U.S. 5,230,979 issued July 27, 1993

Roy J. Harrington, George A. Gibson and Margate T. Thomas, "Charge control agent combination for a liquid toner," U.S. 5,200,289 issued April 6, 1993

Benzion Landa, Peretz Ben-Auraham, Joseph Hall and George A. Gibson, "Toner for use in compositions for developing latent electrostatic images, method of making the same, and liquid composition using the improved toner." U.S. 5,192,638 issued March 9, 1993

Benzion Landa, Peretz Ben-Auraham, Joseph Hall and George A. Gibson, "Toner for use in compositions for developing latent electrostatic images, method of making the same, and liquid composition using the improved toner." U.S. 5,047,307 issued Sep 10, 1991

Mark F. Duchesne, George A. Gibson, Curtis B. Miller, Dinesh G. Punater and Paul V. Sadwick, "Liquid toner supply system and method." U.S. 5,003,352 issued March 26, 1991

U.S. PATENTS (con't)

Benzion Landa, Peretz Ben-Auraham, Joseph Hall and George A. Gibson, "Toner for use in compositions for developing latent electrostatic images, method of making the same, and liquid composition using the improved toner." U.S. 5,047,307 issued September 10, 1991

George A. Gibson and Ray H. Luebbe, "Charge control agent combination of lecithin and pyrrolidone polymer for liquid toner and methods of use." U.S. 4,897,332 issued January 30, 1990

George A. Gibson, "Methods of using liquid tower dispersions having enhanced colored particle mobility." U.S. 4,891,286 issued January 2, 1990

Robert M. Simms and George A. Gibson, "Liquid developer charge director control." U.S. 4,860,924 issued August 29, 1989

Benzion Landa, Peretz Ben-Auraham, Joseph Hall and George A. Gibson, "Toner for use in compositions for developing latent electrostatic images, method of making the same, and liquid composition using the improved toner ." U.S. 4,842,974 issued June 27, 1989

Benzion Landa, Peretz Ben-Auraham, Joseph Hall and George A. Gibson, "Toner for use in compositions for developing latent electrostatic images, method of making the same, and liquid composition using the improved toner." U.S. 4,794,651 issued December 27, 1988

George A. Gibson, "Mixed pigment system for modulation of toner gamma." U.S. 4,756,986 issued July 12, 1988

Robert L. Martin and George A. Gibson, "Novel stripping composition for positive photoresists and method of using same." U.S. 4,304,681 issued December 8, 1981

Invited Papers, Presentations and Short Courses

"Decision Making for Project Management," webinar for the Project Management Institute, June 11, 2020
<https://www.projectmanagement.com/videos/638362/Decision-Making-for-Project-Management>

"The role of inkjet in additive manufacturing," Information Management Institute, Inkjet Conference 2020, Tempe, Arizona February 12-13, 2020

"Digital, Intelligence, and sustainability are the future of packaging," IMI Future Packaging Conference 2019, Altamonte Springs, Fla

"Technology Scouting Panel," R&D 100 Conference 2018, Orlando, Fla

"Digital Printing Presses Role in Smart Packaging," IMI Digital Printing Presses 2016 Conference, Orlando, Fla

Invited Papers, Presentations and Short Courses (con't)

“The Technology Battle among Digital Printing Presses,” IMI Digital Printing Presses 2016 Conference, Orlando, Fla

“Smart Packaging for Brand Protection & Anti-Counterfeiting,” IMI Security Printing Conference, Orlando, Fla 2016

“Disruptive technologies for healthcare,” Invited paper, dHealth Symposium, NY Academy of Science, May 2015

“Digital Packaging: Something to avoid or are you willing jump in?”, Invited article, Paper and Packaging International, Dec 2015

“Disruptive Innovation,” WHAM 13 “Eyes on the Future,” Radio panel interview, Oct 2015

“The knowing/doing gap in health communications,” Invited paper, Stanford MedicineX, School of Medicine, Stanford University, Sept 2015

“Making better decisions” XIG Conference tutorial, Sept 2015

“Digital packaging,” Invited tutorial, IS&T Internat. Conf. on Non-impact Printing and Digital Manufacturing, Oct 2015

“Digital Packaging”

NIP 29: The 27th International Congress on Digital Printing Technologies , October, 2013 Seattle, Wa

“Liquid Toners: Processes, Materials and Applications”

NIP 29: The 27th International Congress on Digital Printing Technologies, October, 2013 Seattle, Wa

“Liquid Toners: Processes, Materials and Applications”

NIP 28: The 27th International Congress on Digital Printing Technologies, October, 2012 Quebec City, Que

“Digital Packaging”

NIP 28: The 27th International Congress on Digital Printing Technologies, October, 2012 Quebec City, Que

“Liquid Toners: Processes, Materials and Applications”

NIP 27: The 27th International Congress on Digital Printing Technologies October, 2011 Minneapolis, Mn

“Digital Packaging”

NIP 27: The 27th International Congress on Digital Printing Technologies October, 2011 Minneapolis, Mn

“Improving Your New Product Success Rate”

NIP 27: The 27th International Congress on Digital Printing Technologies October, 2011 Minneapolis, Mn

Invited Papers, Presentations and Short Courses (con't)

“Turning Open Innovation Into Business Results”

World Research Group, Innovation Cubed: Network Building, Culture, and Tools Summit December 9, 2010, Orlando, Fla

“Liquid Toners: Processes, Materials and Applications”

NIP 26: The 26th International Congress on Digital Printing Technologies September 19 – September 23, 2010, Austin, Texas

“The Valuation of Research and Development”

NIP 26: The 26th International Congress on Digital Printing Technologies September 19 – September 23, 2010, Austin, Texas

“The Future of Print and the Digital Printing Revolution,” The 31st International Congress on Imaging Science, China National Convention Center, Beijing, China, May 12-16, 2010

“Managing Product Development for Value,” Information Management Institute, Inc., September 10, 2010, Sheraton Baltimore City Center, Baltimore, Maryland

“Creative Destruction: Portfolio Renewal Rate and Returns Optimization,” 14th Annual Portfolio Management for New Products & Services Event, February 25, 2009, Florida

“Liquid Toners: Processes, Materials and Applications”

NIP 25: The 25th International Congress on Digital Printing Technologies September 20 – September 24, 2009, Louisville, Kentucky

“The Valuation of Research and Development”

NIP 25: The 25th International Congress on Digital Printing Technologies September 20 – September 24, 2009, Louisville, Kentucky

“The Productivity Tool Kit: Techniques to accelerate you,” Latino Inter Network Council: 2nd Professional Development Conference, October 30, 2008

“Talking to the Einsteins Who Aren’t in the Room: A portfolio manager’s guide to the metaverse,” 13th Annual Strategic and Operational Management Conference February 26 – February 28, 2008, Hilton, Clearwater Beach, Florida

“The strategic Role of Innovation in R&D Portfolio Management,”

12th Annual Strategic and Operational Management Conference, February 26 – February 28, 2007, Sheraton Sand Key, Clearwater Beach, Florida

“Liquid Toners: Processes, Materials and Applications”

NIP 22: The 19th International Congress on Digital Printing Technologies September 17 – September 22, 2006, Hyatt Denver Convention Center, Denver, Colorado

Invited Papers, Presentations and Short Courses (con't)

“The Valuation of Research and Development”

NIP 22: The 19th International Congress on Digital Printing Technologies
September 17 – September 22, 2006, Hyatt Denver Convention Center, Denver,
Colorado

“Liquid Toners: Processes, Materials and Applications”

NIP 21: The 19th International Congress on Digital Printing Technologies
September 18 - September 23, 2005, Hyatt Regency Hotel, Baltimore, MD

“The Valuation of Research and Development”

NIP 21: The 19th International Congress on Digital Printing Technologies
September 18 - September 23, 2005, Hyatt Regency Hotel, Baltimore, MD

“Liquid Toners: Processes, Materials and Applications”

NIP 20: The 19th International Congress on Digital Printing Technologies
October 31 - November 5, 2004, Little America Hotel & Towers, Salt Lake City, Utah

“The Valuation of Research and Development”

NIP 20: The 19th International Congress on Digital Printing Technologies
October 31 - November 5, 2004, Little America Hotel & Towers, Salt Lake City, Utah

“Liquid Toners: Processes, Materials and Applications”

NIP 19: The 19th International Congress on Digital Printing Technologies
September 28 - October 3, 2003, Hyatt Regency Hotel, New Orleans, Louisiana

“The Valuation of Research and Development”

NIP 19: The 19th International Congress on Digital Printing Technologies
September 28 - October 3, 2003, Hyatt Regency Hotel, New Orleans, Louisiana

“Liquid Toners: Processes, Materials and Applications”

NIP 18: The 18th International Congress on Digital Printing Technologies
San Diego, California, September 29, 2002

“The Valuation of Research and Development”

NIP 18: The 18th International Congress on Digital Printing Technologies
San Diego, California, September 29, 2002

“Decision Theory: An Aid for Making Complex Decisions”

NIP 17: The 17th International Congress on Digital Printing Technologies
September 30-October 5, 2001, Harbor Beach Marriott Hotel, Fort Lauderdale, Florida

“Decision Theory: An Aid for Making Complex Decisions”

Society for Imaging Science and Technology, Fifteenth International Congress on
Advances in Non-Impact Printing Technologies, Orlando, Fla. (1999)

“Liquid Toners: Processes, Materials and Applications”

Society for Imaging Science and Technology, Fifteenth International Congress on
Advances in Non-Impact Printing Technologies, Orlando, Fla. (1999)

Invited Papers, Presentations and Short Courses (con't)

“Modern Applications of Liquid Toners”
Toners & Photoreceptors '99, Diamond Research Corporation, Santa Barbara, California (1999)

“Liquid Toner Technology: Materials and Processes”
Society for Imaging Science and Technology, Fourteenth International Congress on Advances in Non-Impact Printing Technologies, Toronto (1998)

“Liquid Toner Technology: Materials and Processes”
Society for Imaging Science and Technology, Thirteenth International Congress on Advances in Non-Impact Printing Technologies, Seattle, Washington (1997)

“Liquid Toner Technology,” Society for Imaging Science and Technology, Ninth International Congress on Advances in Non-Impact Printing Technologies, New Orleans, Louisiana (1994)

“Liquid Toner Printing,” Fourth Annual Laser Printing Conference, Information Management Institute, San Deigo, California (1993)

“High Speed Imaging with Liquid Toners,” Digital Electronic Printing Presses of the Future, Information Management Institute, Orlando, Florida (1993)

“High Speed Imaging with Liquid Toners,” Eighth Annual Toner and Developer Industry Conference and Tutorial, Diamond Research Corporation, Santa Barbara, California (1991)

“Liquid Toner Tutorial,” Seventh Annual Toner and Developer Industry Conference and Tutorial, Diamond Research Corporation, Santa Barbara, California (1990)

“Liquid Toner Technology”
Society of Photographic Scientists and Engineers, Fifth International Congress on Advances in Non-Impact Printing Technologies
San Diego, California (1989)

“High Speed Imaging with Liquid Toners”
Society of Photographic Scientists and Engineers / American Institute of Chemical Engineers Joint Meeting, Dayton, Ohio (1989)

“Liquid Toner Fundamentals,” Society of Photographic Scientists and Engineers
Binghamton, New York (1982)

Books and Book Chapters

“Liquid Toner Materials,” in *Handbook of Imaging Materials, 2nd Edition*, Arthur S. Diamond and David S. Weiss, Editors, Marcel Dekker, 2002

“Advances in Electrophotography,” in *Yearbook of Science and Technology*, McGraw-Hill, 2009

Contributed Papers & Publications

Biophys. J., 21(3) 126A (1978), "Kinetics of the Aggregation of Phospholipid Vesicles"

Biophys. J., 25(2 Part 2), 260A (1979), "Fluorescence and Light Scattering Study of the Interaction of Vesicles"

Biochem. Biophys. Res. Com., 88(1), 137 (1979), "The Fusion of Phospholipid Vesicles as Monitored by Forster Resonant Energy Transfer"

Biochem. Biophys. Res. Com., 88(1), 141 (1979), "Application of Forster Resonance Energy Transfer to the Interaction between Cell or Lipid Vesicle Surfaces"

Microcurciut '80, (1980), Novel Composition for the Stripping of Ion Implanted Photoresist"

Advances in Non-Impact Printing Technologies, John More ed., 404 (1990), "Conduction Processes in Lecithin/Isopar Solutions as a Model for Liquid Toner Charge Direction"

Advances in Non-Impact Printing Technologies, Ken Petrowski ed., 533 (1991), "Electrically Stable Charge Director for High Speed Electrophotography"

J. Imaging Technol. 17(5), (1991), "Electrically Stable Charge Directors for High Speed Electrophotography"

Advances in Non-Impact Printing Technologies, Howard Taub and Eric Hanson ed., 202 (1992), "Image Quality in High Speed Liquid Toner Electrophotography"

Advances in Non-Impact Printing Technologies, Howard Taub and Eric Hanson ed., 206 (1992), "The Role of Pigment Chemistry on the Properties of a Liquid Toner"

Advances in Non-Impact Printing Technologies, Howard Taub and Eric Hanson ed., 209 (1992), "The Origin and Control of Drag: A Print Defect in High Speed Liquid Toned Electrophotography"

Advances in Non-Impact Printing Technologies, Dan Hays and Andrew Melnyk ed., 204 (1994), "Modeling of Liquid Toner Electrical Characteristics"

Advances in Non-Impact Printing Technologies, Dan Hays and Andrew Melnyk ed., 210 (1994), "Liquid Toner Particle Charging and Charge Director Ionization"

Electrophotography, The Society Journal (The Society of Electrophotography of Japan), 34(4), 105 (1995), "Liquid Toner Charging Mechanisms"

Xerox Disclosure Journal, 22(2), 63, 1997, "Ink Jet Printer for Improved Print Quality"

Proceedings IS&T's NIP 14: International Conference on Digital Printing Technologies, Steve Korol, ed., (1998), "Control of Liquid Electrophoretic Toner Supplies"

NIP17: International Conference on Digital Printing Technologies, Fort Lauderdale, Florida, October 2001 ISBN: 0-89208-234-8, “Custom Color Printing with Liquid Toners”

Service, Honors and Awards

Harold Lamport Award of The Biophysical Society 1978

Program Vice President, Society for Imaging
Science & Technology, Dayton Chapter 1989-91

Program Chair, Liquid Toners, American Chemical Society, Northeast Regional Meeting Rochester, New York 1995

Excellence in Science & Technology, Xerox, Central Research & Technology 1997

Team Excellence Award, Wilson Center for Research & Technology 1997

Certificate of Appreciation, The Society for Imaging Science & Technology 1997

North American Program Chair, Liquid Toners
13th International Conference on Digital Printing Technologies
Seattle, Washington 1997

Xerox Eagle Award (annual award for the company’s most prolific inventors) 1998

Session Chair for Electrophotography, International Congress on Imaging Science
Antwerp, Belgium 1998

Team Excellence Award, Wilson Center for Research & Technology 1999

Certificate of Appreciation, The Society for Imaging Science & Technology 1999

Chairman, Interactive Sessions, NIP 17: The 17th International Congress on Digital
Printing Technologies, Harbor Beach Marriott Hotel, Fort Lauderdale, Florida 2001

Chairman, Audio/Visual Services, NIP 18: The 18th International Congress on
Digital Printing Technologies, San Diego, California 2002

Black Belt Mentor: Finger Lakes Health Systems Agency, United Way Rapid Cycle
Project initiative 2006

Black Belt Mentor: City of Rochester, Department of Economic Development
United Way Rapid Cycle Project initiative 2006-7

Advisor to the Board of Directors, K-12 Taskforce, Rochester Museum and Science
Center, Rochester, New York 2007-2010

Certificate of Appreciation, The Society for Imaging Science & Technology 2008

Service, Honors and Awards (con't)

President Elect, Product Development and Management Association, Western New York Chapter, 2008-9

Organizing Committee and Session Chair, Product Development and Management Association, Annual International Conference, Anaheim, California 2009

Product Development and Management Association, Western New York Chapter, President 2009-2011

Certificate of Appreciation, The Society for Imaging Science & Technology 2009

Organizing Committee and Session Chair, Product Development and Management Association Global Conference on Innovation 2010

Marketing Committee, Product Development and Management Association 2010 - 2011

Webcast Committee, Product Development and Management Association 2010 - 2016

Session Chair: Digital Packaging, NIP 26: The 26th International Congress on Digital Printing Technologies, Austin, Texas 2010

Session Chair: Open Innovation, NIP 26: The 26th International Congress on Digital Printing Technologies, Austin, Texas 2010

Certificate of Appreciation, The Society for Imaging Science & Technology 2010

Certificate of Appreciation, The Society for Imaging Science & Technology 2011

Program Chair: Special Papers, NIP 27: The 27th International Congress on Digital Printing Technologies, Minneapolis, Mn 2011

Session Chair: Digital Packaging, NIP 27: The 27th International Congress on Digital Printing Technologies, Minneapolis, Mn 2011

Northeast Regional Director, Product Development and Management Association 2011-2012

Member, Board of Trustees, Rochester Museum and Science Center 20011- present

Program Chair: Special Papers, NIP 28: The 28th International Congress on Digital Printing Technologies, Quebec City, Que 2012

Certificate of Appreciation, The Society for Imaging Science & Technology 2012

Program Chair: Americas, NIP 29: The 27th International Congress on Digital Printing Technologies, Seattle, Wa 2013

Certificate of Appreciation, The Society for Imaging Science & Technology 2013

REFERENCES – Available on Request
